

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091619AL\  
 Data File : FC043489.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Sep 2019 8:57  
 Operator : DD\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 16 12:33:08 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 091619.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 16 12:29:50 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.604 | 14804547   | 100.772 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 201.54%       |
| 12) S 1-chlorooctadecane (S... | 13.024 | 11392242   | 99.967 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 199.93%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.443  | 12636695   | 102.603 ug/ml |
| 2) T n-Decane (C10)            | 4.497  | 12680910   | 102.736 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.073  | 13785310   | 106.796 ug/ml |
| 4) T n-Dodecane (C12)          | 6.492  | 13042936   | 102.113 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.120  | 14064786   | 106.826 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.268  | 13175333   | 101.828 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.853  | 13301678   | 101.443 ug/ml |
| 8) T n-Octadecane (C18)        | 11.284 | 13371989   | 100.488 ug/ml |
| 10) T n-Eicosane (C20)         | 12.582 | 13318873   | 99.608 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.189 | 13386782   | 99.399 ug/ml  |
| 13) T n-Docosane (C22)         | 13.770 | 13279592   | 99.482 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.865 | 13200425   | 99.209 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.880 | 12913197   | 99.107 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.824 | 12520342   | 98.913 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.706 | 12160500   | 98.922 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.533 | 11421236   | 99.224 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.313 | 10778593   | 99.727 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.048 | 10063656   | 100.410 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.773 | 9326579    | 100.326 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.664 | 9525243    | 100.603 ug/ml |
| -----                          |        |            |               |

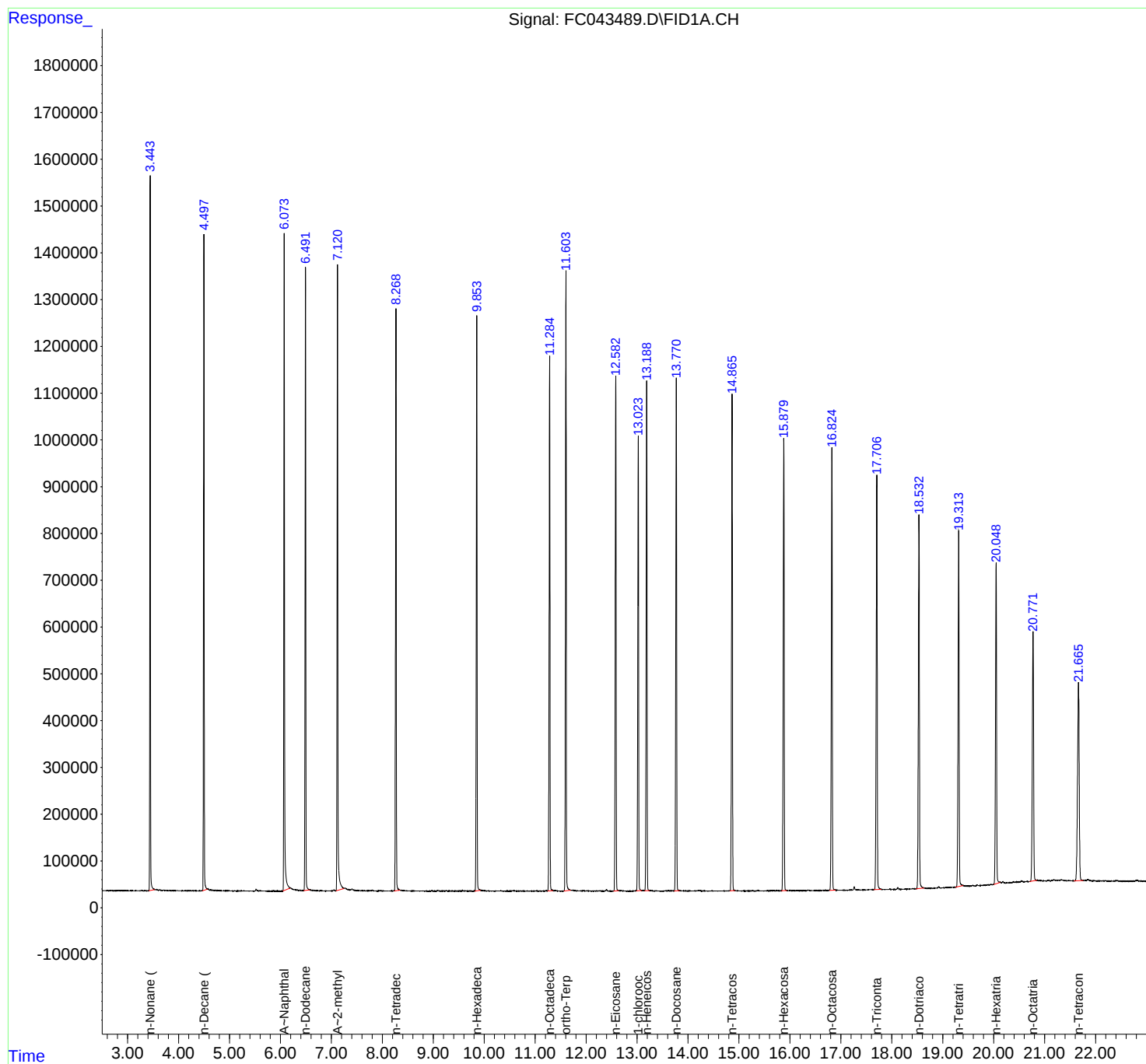
(f)=RT Delta > 1/2 Window

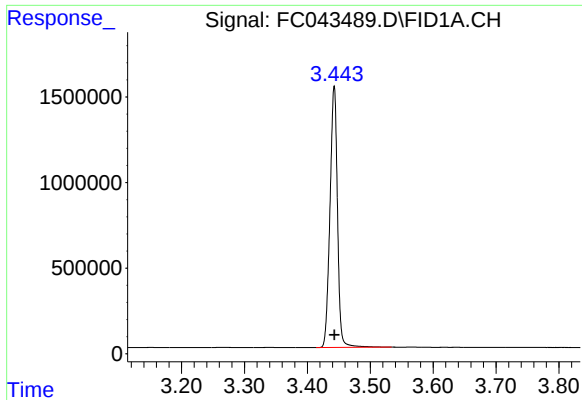
(m)=manual int.

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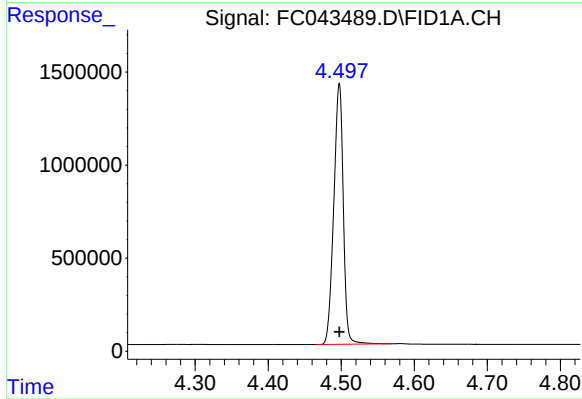
Volume Inj. : 1 ul  
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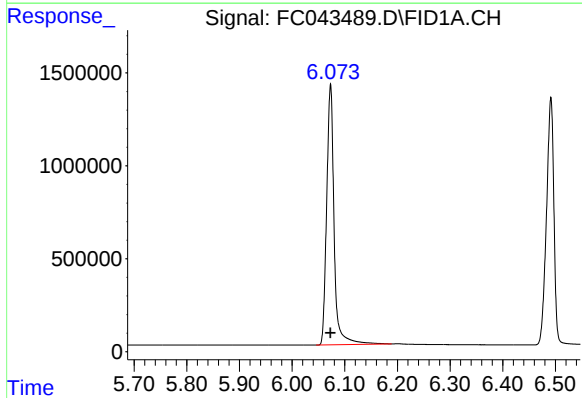
#1 n-Nonane (C9)

R.T.: 3.443 min  
Delta R.T.: 0.000 min  
Response: 12636695  
Conc: 102.60 ug/ml



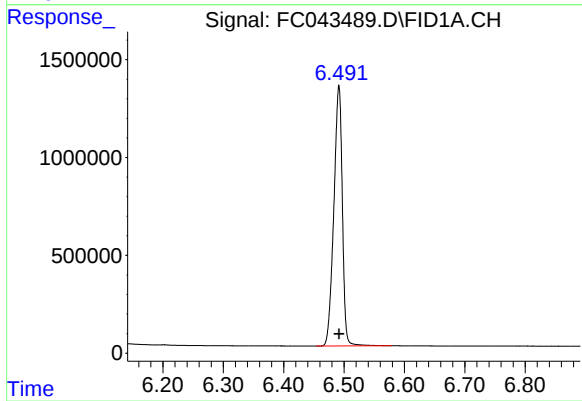
#2 n-Decane (C10)

R.T.: 4.497 min  
Delta R.T.: 0.000 min  
Response: 12680910  
Conc: 102.74 ug/ml



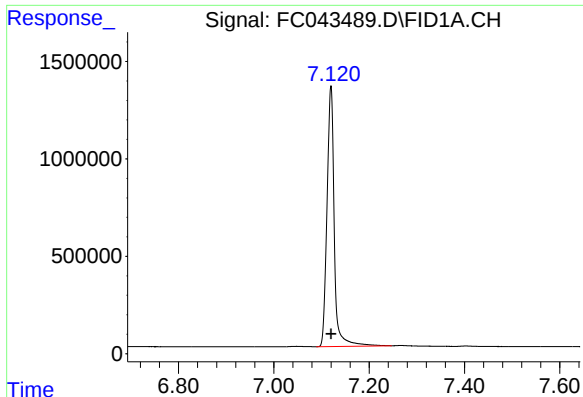
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 13785310  
Conc: 106.80 ug/ml



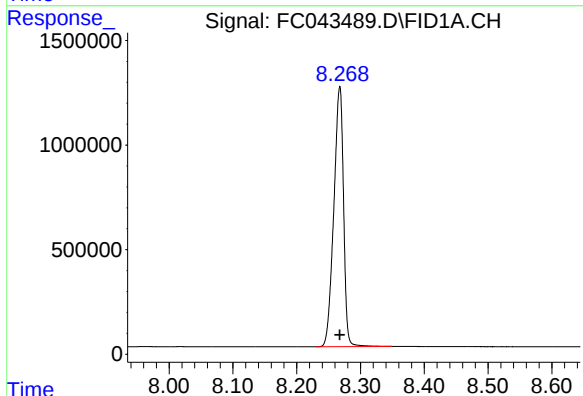
#4 n-Dodecane (C12)

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 13042936  
Conc: 102.11 ug/ml



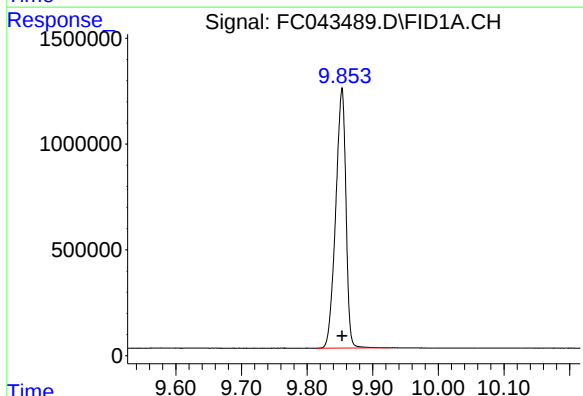
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min  
Delta R.T.: 0.000 min  
Response: 14064786  
Conc: 106.83 ug/ml



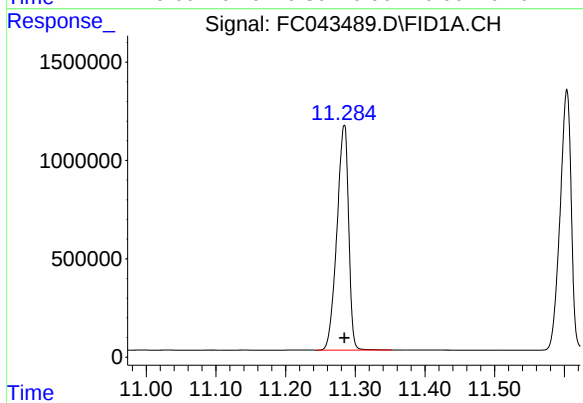
#6 n-Tetradecane (C14)

R.T.: 8.268 min  
Delta R.T.: 0.000 min  
Response: 13175333  
Conc: 101.83 ug/ml



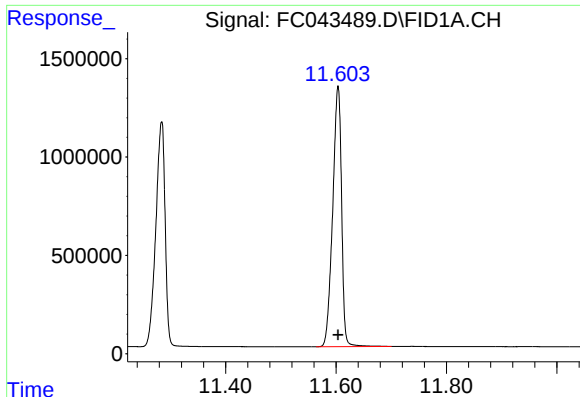
#7 n-Hexadecane (C16)

R.T.: 9.853 min  
Delta R.T.: 0.000 min  
Response: 13301678  
Conc: 101.44 ug/ml



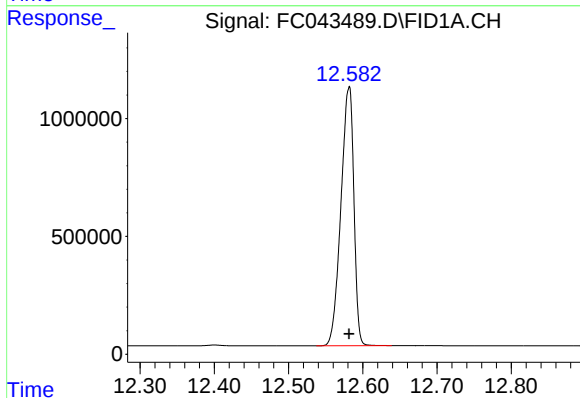
#8 n-Octadecane (C18)

R.T.: 11.284 min  
Delta R.T.: 0.000 min  
Response: 13371989  
Conc: 100.49 ug/ml



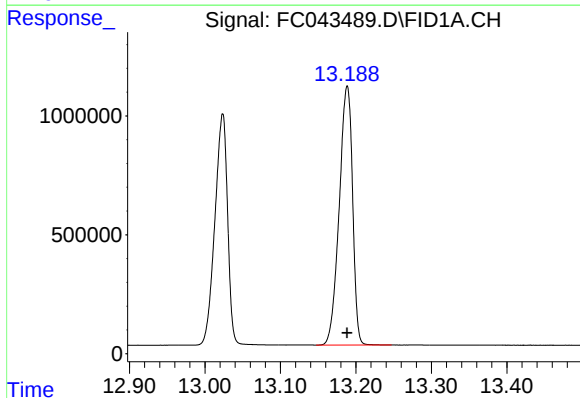
#9 ortho-Terphenyl (SURR)

R.T.: 11.604 min  
Delta R.T.: 0.000 min  
Response: 14804547  
Conc: 100.77 ug/ml



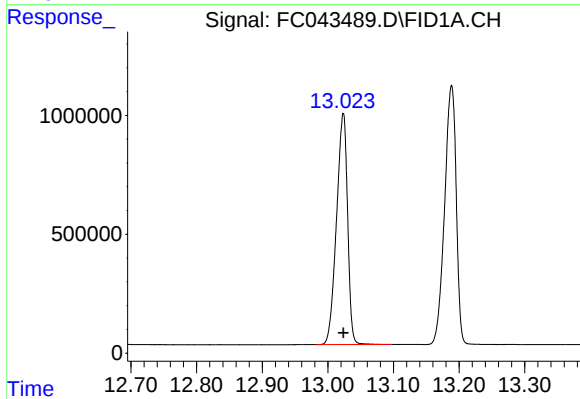
#10 n-Eicosane (C20)

R.T.: 12.582 min  
Delta R.T.: 0.000 min  
Response: 13318873  
Conc: 99.61 ug/ml



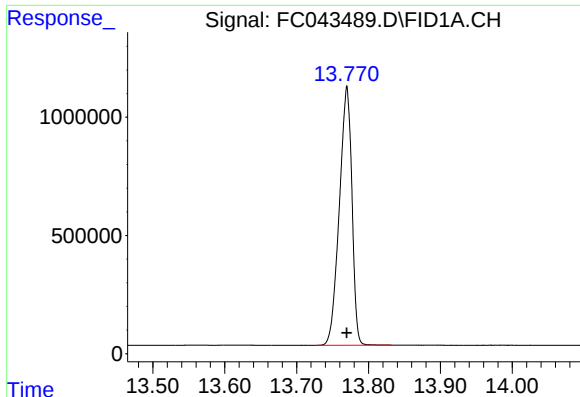
#11 n-Heneicosane (C21)

R.T.: 13.189 min  
Delta R.T.: 0.000 min  
Response: 13386782  
Conc: 99.40 ug/ml



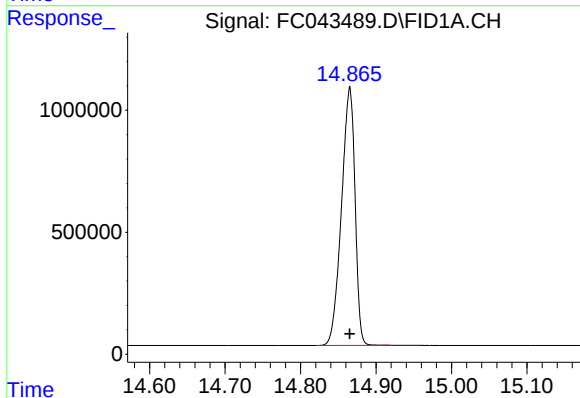
#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min  
Delta R.T.: 0.000 min  
Response: 11392242  
Conc: 99.97 ug/ml



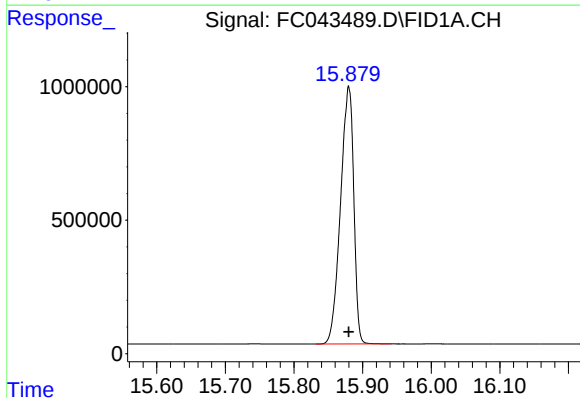
#13 n-Docosane (C22)

R.T.: 13.770 min  
Delta R.T.: 0.000 min  
Response: 13279592  
Conc: 99.48 ug/ml



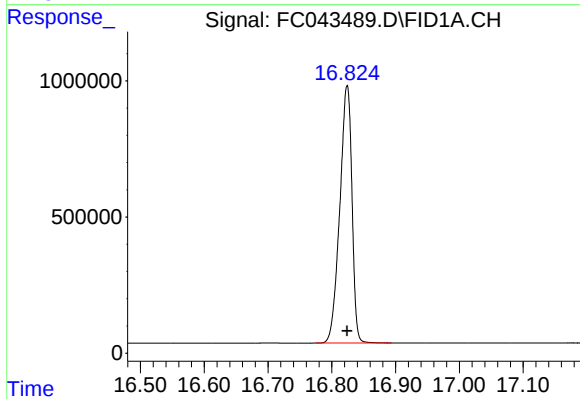
#14 n-Tetracosane (C24)

R.T.: 14.865 min  
Delta R.T.: 0.000 min  
Response: 13200425  
Conc: 99.21 ug/ml



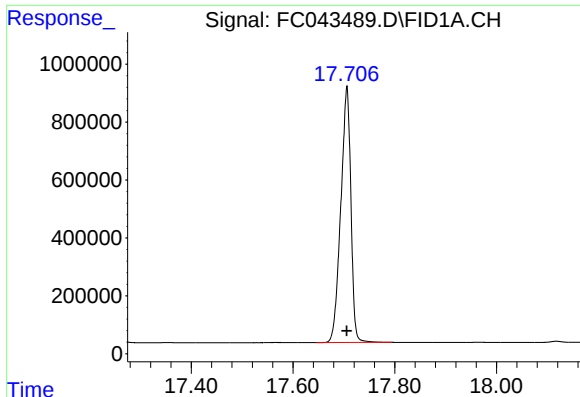
#15 n-Hexacosane (C26)

R.T.: 15.880 min  
Delta R.T.: 0.000 min  
Response: 12913197  
Conc: 99.11 ug/ml



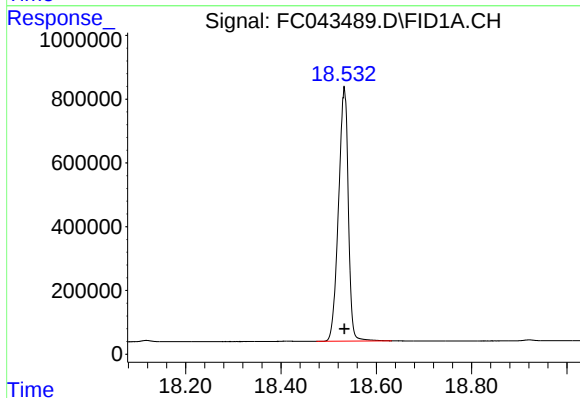
#16 n-Octacosane (C28)

R.T.: 16.824 min  
Delta R.T.: 0.000 min  
Response: 12520342  
Conc: 98.91 ug/ml



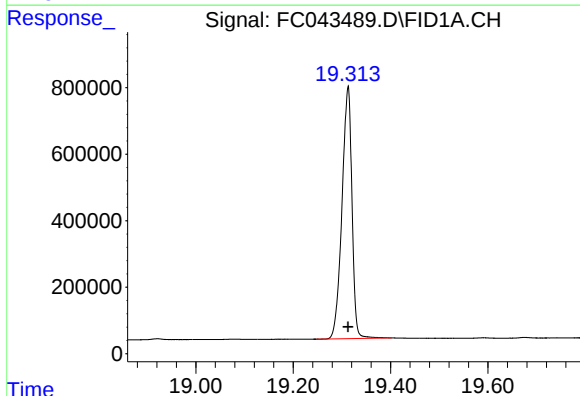
#17 n-Tricontane (C30)

R.T.: 17.706 min  
Delta R.T.: 0.000 min  
Response: 12160500  
Conc: 98.92 ug/ml



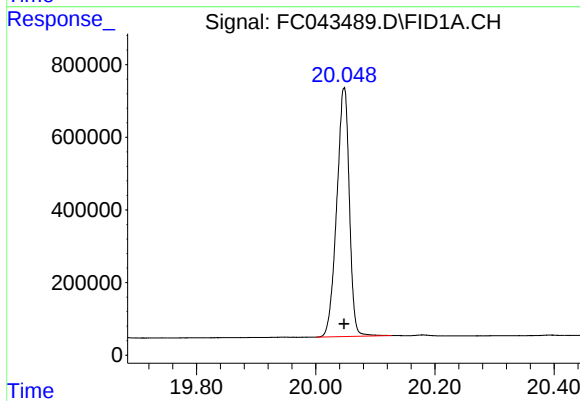
#18 n-Dotriacontane (C32)

R.T.: 18.533 min  
Delta R.T.: 0.000 min  
Response: 11421236  
Conc: 99.22 ug/ml



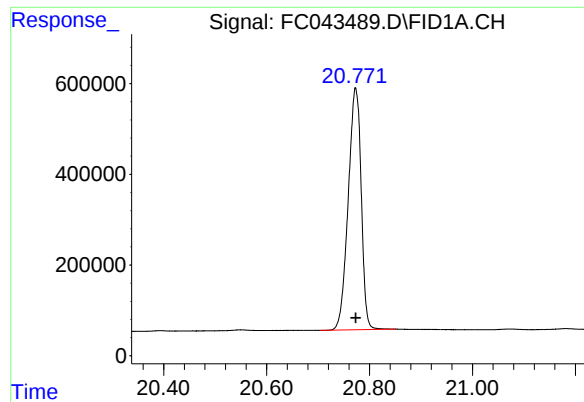
#19 n-Tetratriacontane (C34)

R.T.: 19.313 min  
Delta R.T.: 0.000 min  
Response: 10778593  
Conc: 99.73 ug/ml



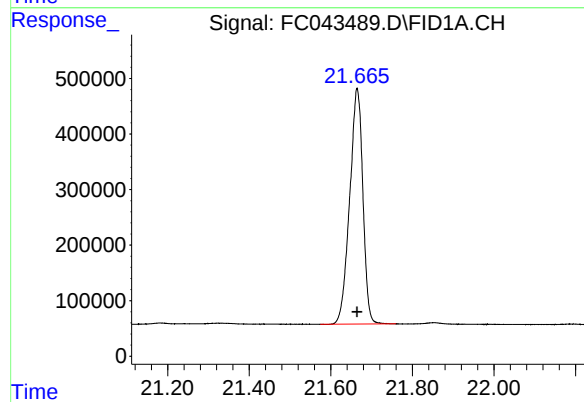
#20 n-Hexatriacontane (C36)

R.T.: 20.048 min  
Delta R.T.: 0.000 min  
Response: 10063656  
Conc: 100.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.773 min  
Delta R.T.: 0.000 min  
Response: 9326579  
Conc: 100.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.664 min  
Delta R.T.: 0.000 min  
Response: 9525243  
Conc: 100.60 ug/ml